

ABSTRACT OF THE DISCLOSURE

In a method for operating a fuel cell system comprising at least one fuel cell and at least one cooling circuit with devices for influencing the cooling of the at least one fuel cell, a medium which flows through the cooling circuit is cooled by a cooling heat exchanger of the cooling circuit. The operating temperature of the fuel cell is controlled by the cooling, as a function of an ambient temperature of the cooling heat exchanger, such that the heat from the fuel cell is removed at a temperature which is as low as possible.